

# BRIDGE REPLACEMENT TO PIPE

BRIDGE # 208

## CRAVEN COUNTY

SR-1433

### EROSION CONTROL PLANS

January 4, 2012

PREPARED BY: TIM CASEY LEVEL III CERT.# 497  
NCDOT-BRIDGE MAINTENANCE  
PO BOX 371  
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### **PROJECT DESCRIPTION**

THE EXISTING STRUCTURE IS A TIMBER FLOOR ON CONTINUOUS I-BEAMS. THE END BENTS ARE TIMBER CAPS ON TIMBER PILES. ONE SPAN @ 17'-10" @ 18'11" CONTINUOUS I-BEAMS. THE PROPOSED STRUCTURE IS 1 @ 12'-3" X 7'-3" ALUMINUM STRUCTURAL PLATE PIPE ARCH WITH HEADWALLS. IT IS LOCATED ON SR-1433 0.3 MILE NORTHWEST OF JUNCTION WITH US-17. IT IS SHOWN ON THE ASKIN QUADRANGLE.

THIS PROJECT WILL BE COVERED UNDER A 401 WATER QUALITY CERTIFICATION PER JAY JOHNSON (DEO-DIV II).

### **SEDIMENTATION AND EROSION CONTROL**

DUE TO THE NATURE OF THE PROJECT, THERE IS EXPECTED TO BE SOME SEDIMENTATION AND MINOR EROSION DURING HEAVY AND PROLONGED RAINS. THE CONSTRUCTION SUPERVISOR OR SUITABLE REPRESENTATIVE SHALL CONSTANTLY WATCH FOR PROBLEM AREAS DURING CONSTRUCTION, ESPECIALLY AROUND CROSSLINE AND OUTLET DRAINAGE AREAS, AND TAKE THE FOLLOWING STEPS AS NECESSARY:

- (1) WHEN SILT FENCE APPROACHES FULL CAPACITY, IT SHALL BE CLEANED OUT AND/OR REPLACED AS NEEDED.
- (2) SHOULD UNFORESEEN DELAY IN CONSTRUCTION OCCUR, TEMPORARY OR STAGED SEEDING AND MULCHING WILL BE USED ACCORDINGLY.
- (3) ANY QUESTIONS OR PROBLEMS ARISING CONCERNING SEDIMENTATION OR EROSION CONTROL SHALL BE DIRECTED TO THE BRIDGE MAINTENANCE ENGINEER OR THE DIVISION ENVIRONMENTAL OFFICER.

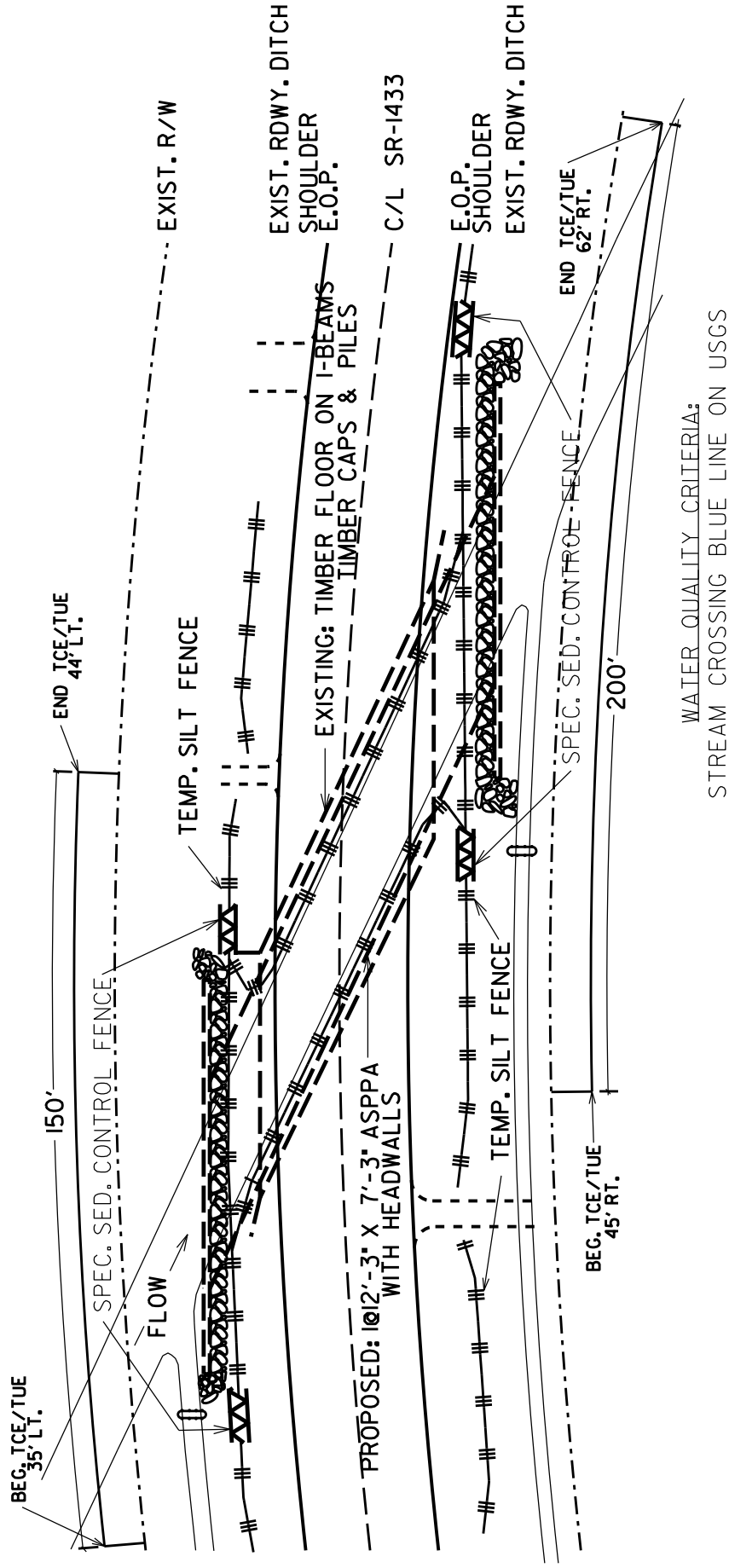
<b><u>Std. #</u></b>	<b><u>Description</u></b>	<b><u>Symbol</u></b>
<b>1605.01</b>	Temporary Silt Fence .....	
<b>1606.01</b>	Special Sediment Control Fence .....	
<b>1622.01</b>	Temporary Berms and Slope Drains .....	
<b>1630.02</b>	Silt Basin Type B .....	
<b>1630.03</b>	Temporary Silt Ditch .....	
<b>1630.05</b>	Temporary Diversion .....	
<b>1630.06</b>	Special Stilling Basin	
<b>1632.03</b>	Rock Inlet Sediment Trap Type C .....	
<b>1633.01</b>	Temporary Rock Silt Check Type-A .....	
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM) .....	
<b>1633.02</b>	Temporary Rock Silt Check Type-B .....	
	Wattle .....	
	Wattle with Polyacrylamide (PAM) .....	
<b>1634.02</b>	Temporary Rock Sediment Dam Type-B .....	
<b>1635.01</b>	Rock Pipe Inlet Sediment Trap Type-A .....	

NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
DIVISION TWO, BRIDGE MAINTENANCE  
NEW BERN, N.C.

# EROSION CONTROL PLAN

PROPOSED BRIDGE TO PIPE  
CRAVEN #208, SR-I433  
PITT COUNTY, DATE: 1/4/2012  
DRAWN BY: T. CASEY

MILLS BRANCH  
TRIBUTARY



NOTE: NOT TO SCALE  
FOR PERMIT USE ONLY